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LFW 1631/8



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Friend et. al.

Confirmation No.: 1315

Serial No.: 09/975,843

Art Unit: 1631

Filed: October 12, 2001

Examiner: Skibinsky, Anna

For: COMPUTER SYSTEMS AND  
COMPUTER PROGRAMS FOR  
DETERMINING PROTEIN  
ACTIVITY LEVELS USING GENE  
EXPRESSION PROFILES

Attorney Docket No: 9301-161

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. §1.97 & §1.56

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the continuing duty of disclosure imposed by 37 C.F.R. § 1.56 and § 1.97 to inform the Patent Office of all references coming to the attention of each individual associated with the filing or prosecution of the subject application, which are or may be material to the patentability of any claim of the application, Attorneys for Applicants hereby direct the Examiner's attention to the references listed on the attached "List of References Cited by Applicants." Legible copies of references B01-B05 and C01-C13 are submitted herewith. These references were cited in a Supplementary Partial European Search Report, dated February 2, 2006, for a counterpart European application<sup>1</sup>.

05/04/2006 JBALINAN 00000076 503013 09975843

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<sup>1</sup> In the Supplementary Partial European Search Report, dated February 2, 2006, reference C07 (Lemkin et al., 1995, Applied and Theoretical Electrophoresis 5:55-72) was cited with an identification No. XP008058668. However, a copy of reference C09 (Merril et al., 1995, Applied and Theoretical Electrophoresis 5:49-54) bearing the same identification No. was provided to Applicants by the European Patent Office. Applicants hereby cite and provide both references C07 and C09.

Identification of the listed references is not to be construed an admission of Applicants or Attorneys for Applicants that such references are available as "prior art" against the subject application.

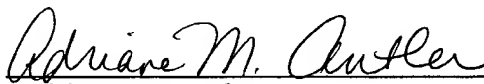
In accordance with 37 C.F.R. § 1.97(d)(1) and (e)(1), the undersigned hereby states that each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement.

Applicants respectfully request that the Examiner review the foregoing references and that the references be made of record in the file history of the application.

In accordance with 37 C.F.R. § 1.97(d) and § 1.17(p), the fee required has been estimated to be \$180.00. Please charge the required fee to Jones Day Deposit Account No. 50-3019. A copy of this sheet is enclosed.

Respectfully submitted,

Date April 20, 2006

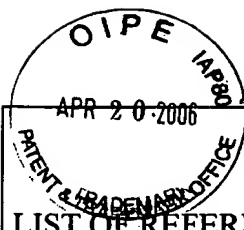


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**LIST OF REFERENCES CITED BY APPLICANT**  
(Use several sheets if necessary)

ATTY. DOCKET NO.

9301-161

APPLICATION NO.

09/975,843

APPLICANT

Friend et al.

FILING DATE

October 12, 2001

GROUP

1631

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES NO
	B01	WO 97/27560	07/31/97	PCT		
	B02	WO 97/29212	08/14/97	PCT		
	B03	WO 98/06874	02/19/98	PCT		
	B04	WO 96/23078	08/01/96	PCT		
	B05	WO 99/05323	02/04/99	PCT		

**OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)**

C01	Ermolaeva et al., 1998, "Data management and analysis for gene expression arrays", Nature Genetics 20:19-23
C02	McClanahan et al., 1984, "Specific Transcripts Are Elevated in <i>Saccharomyces cerevisiae</i> in Response to DNA Damage", Molecular and Cellular Biology 4:2356-2363
C03	Michaels et al., 1997, "Cluster Analysis and Data Visualization of large Scale Gene Expression Data", Inst. for Computational Sciences and Informatics, pp. 42-53.
C04	Hochhauser et al., 1996, "Effect of Cyclin D1 Overexpression on Drug Sensitivity in a Human Fibrocarcoma Cell Line," Journal of the National Cancer Institute, J. Nat. Cancer Inst. 88:1269-1275.
C05	Kawamura et al., 1996, "A Multicopy Suppressor of <i>nin1-1</i> of the yeast <i>Saccharomyces cerevisiae</i> is a counterpart of the <i>Drosophila melanogaster</i> diphenol oxidase A2 gene, <i>Dox-A2</i> ," Mol Gen Genet 251:146-152.
C06	Lashkari et al., 1997, "Yeast microarrays for genome wide parallel genetic and gene expression analysis", Nat. Acad. of Sciences USA 94:13057-13062.
C07	Lemkin et al., 1995, "The Protein Database of human body fluids: II. Computer methods and data issues", Applied and Theoretical Electrophoresis, 5:55-72
C08	Kominami et al., 1997, "Yeast Counterparts of Subunits S5a and p58 (S3) of the Human 26S Proteasome Are Encoded by Two Multicopy Suppressors of <i>nin1-1</i> ", Mol. Biol. Cell 8:171-187.
C09	Merril et al., 1995, "The Protein Disease Database of human body fluids: I. Rationale for the development of this database", Applied and Theoretical Electrophoresis, 5:49-54.
C10	Ruby et al., 1985, "Specific <i>Saccharomyces cerevisiae</i> Genes Are Expressed in Response to DNA-Damaging Agents", Mol. and Cell. Biol. 5:75-84.
C11	Salas et al., 1998, "EpoDB: a database of genes expressed during vertebrate erythropoiesis", Nucleic Acids Res. 26:288-289.
C12	Schena et al., 1996, "Parallel human genome analysis: Microarray-based expression monitoring of 1000 genes", Proc. Natl. Acad. Sci. USA 93:10614-10619.
C13	Shoemaker et al., 1996, "Quantitative phenotypic analysis of yeast deletion mutants using a highly parallel molecular bar-coding strategy" Nature Genet. 14: 450-456.

**EXAMINER****DATE CONSIDERED**

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.